

Converting Colors

Hex(5E2931)

Have a look what the booklet for
Hex(5E2931) contains.

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Color

Hex(5E2931)

Conversions

Conversions Part 1

Format	Color
Hex	5E2931
RGB	94, 41, 49
RGB Percent	37%, 16%, 19%
CMY	0.6314, 0.8392, 0.8078
CMYK	0.00, 0.56, 0.48, 0.63
HSL	351°, 39%, 26%
HSV	351°, 56%, 37%
XYZ	5.9634, 4.1873, 3.3997
YIQ	57.7590, 29.0200, 13.7240

Conversions

Conversions Part 2

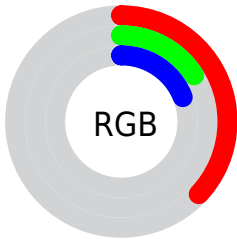
Format	Color
R_{YB}	94, 41, 49
Decimal	6170929
CIE Lab	24.28, 25.05, 6.47
CIE LCh	24, 25.877, 14.485
Yxy	4.1873, 0.4401, 0.3090
Android (android.graphics.Color)	4284361009 (0xFF5E2931)
YUV	57.7590, -4.3182, 31.7834
Hunter-Lab	20.4629, 16.2093, 4.4738

Details

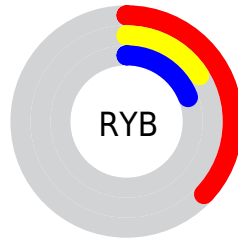
The Hex color **5E2931** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **295E56**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **93585F**, and **2E0001** is the 20% darker color. If you saturate the color by 10%, you get **5E2029**, and if you desaturate by 10%, it is **5E3239**.

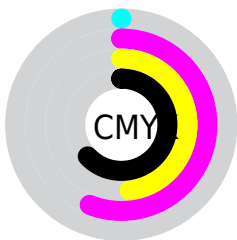
Distribution



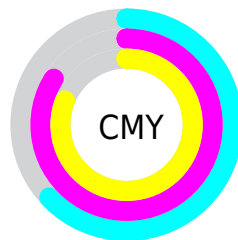
- Red (37%)
- Green (16%)
- Blue (19%)



- Red (37%)
- Yellow (16%)
- Blue (19%)



- Cyan (0%)
- Magenta (56%)
- Yellow (48%)
- Black (63%)



- Cyan (63%)
- Magenta (84%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E2931 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 5E2931 by changing the saturation by 10% instead.

■ 5E2931

■ 5E2931

FFFFFF

■ 45121C

■ 93585F

■ 2E0001

■ AE7178

■ 010000

■ CA8B91

■ 000000

■ E7A6AC

■ FFC1C7

■ FFDDE3

■ FFFAFF

■ 5E2931

■ 5E2931

■ 5E2029

■ 5E3239

■ 5E1621

■ 5E3C41

■ 5E0D19

■ 5E4549

■ 5E0311

■ 5E4F51

■ 5E000E

■ 5E5859

■ 5E6161

■ 5E6B69

■ 5E7471

■ 5E7E79

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



582A45



5E2931



5A2E1F

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



5E2931



26401D



003F5F

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



5E2931



295E56

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



004254



5E2931



00432F

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



5E2931



3C3C12



004343



29395F

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



5E2931



523316



004343



00405D

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



5E2931



7A6669



55295E



3D3133



BDBDBD



3D3D3D

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



5E2931



7A2734



5E3B29



2E292A



6E0011



ED0024

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



5E2931



7A2734



294C5E



2E292A



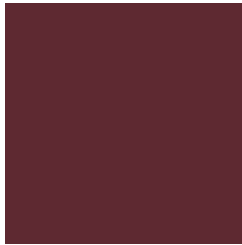
6E0011



ED0024

Previews

White Background



This preview shows how the Hex color 5E2931 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

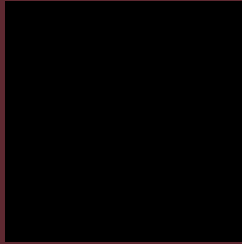
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 5E2931 Background



This preview shows how black text looks on a background with the Hex color 5E2931.



This preview shows how white text looks on a background with the Hex color 5E2931.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
5E2931

Protanopia
3C3A3A

Deuteranopia
44382F

Trichromacy



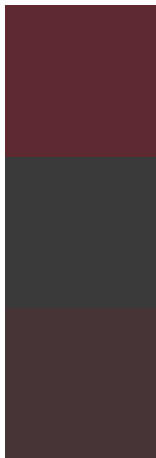
Original Color
5E2931

Protanomaly
483437

Deuteranomaly
4D3330

Tritanomaly
5E2A2E

Monochromacy



Original Color
5E2931

Achromatopsia
3A3A3A

Achromatomaly
473437

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E2931 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #5E2931 looks like.

```
.text, #text, p{  
    color:#5E2931  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #5E2931 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E2931
}
```

Border

The CSS property to change the border of an element to Hex 5E2931 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

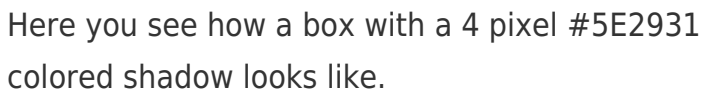
```
.border, #border, table{ border:4px solid
#5E2931 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#5E2931 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #5E2931 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #5E2931 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E2931; -webkit-box-shadow:4px 4px  
4px 4px #5E2931; box-shadow:4px 4px 4px  
4px #5E2931 }
```

Background

The CSS property to change the background color of an element to Hex 5E2931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E2931 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#5E2931 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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